

OPTICAL MODULE CONNECTOR ADAPTOR, OPTICAL MODULE PRODUCT, AND OPTICAL MODULE MOUNTING SUBSTRATE PRODUCT

Patent number: EP1118892

Publication date: 2001-07-25

Inventor: OGAWA SHINJI (JP); ISHIDA HIDETOSHI (JP); KAKII TOSHIKI (JP); TAKAI ATSUSHI (JP); MIURA ATSUSHI (JP); FURUICHI HIROAKI (JP)

Applicant: SUMITOMO ELECTRIC INDUSTRIES (JP); HITACHI LTD (JP)

Classification:

- International: G02B6/38; G02B6/42

- european: G02B6/38D2N; G02B6/42C

Application number: EP19990935059 19990804

Priority number(s): WO1999JP04213 19990804; JP19980220370 19980804

Also published as:



WO0008503 (A)

US6632023 (B1)

Cited documents:



US4330172

WO9714068

JP59157605

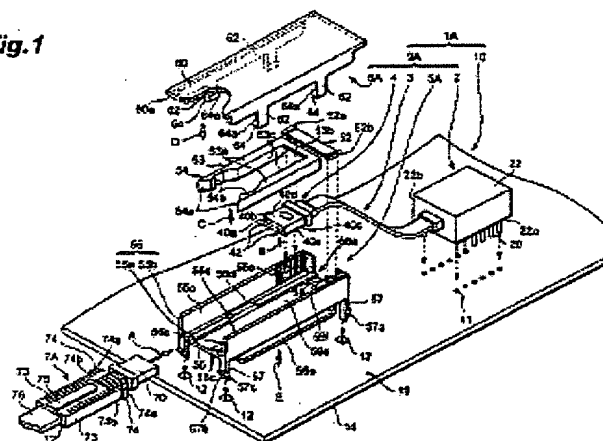
JP9258063

[Report a data error here](#)

Abstract of EP1118892

An adapter 5 for an optical connector comprises a pair of wall portions 55a and 55b on a mounting surface 56a. The structure allows the adapter to accommodate an optical connector 4 inserted from a direction vertical to the mounting surface 56a, and allows the adapter to accommodate an optical connector 7 inserted along a predetermined axis 8. On this account, it is possible to insert the connector 7 along the predetermined axis 8 to the housed optical connector 4. Since the optical connector 4 is mated to and demated from the optical connector 7 in this sort of adapters, force applied to an optical module 2 is decreased in mating/demating the connector. An optical module product 9 includes the optical module 2, a coated optical fiber 3, the optical connector 4, and the optical connector's adapter 5. An optical module mounting substrate product 1 includes the optical module product 9 and a substrate 10 for mounting thereon the optical module 2 and the adapter 5 for optical connectors.

Fig.1



Data supplied from the [esp@cenet](#) database - Worldwide